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CEP 812

Technology Plan

Introduction:

Integrating technology into the teaching and learning process is a goal that many teachers strive for but which relatively few have achieved to date (Parks & Pisapia, 1994). One of the most important steps in achieving meaningful technology use is the development of a vision of how to use technology to achieve important educational goals (Baker et al., 1996;Kerr, 1996; Roblyer, 1993). Educational technology can enrich and enhance instructional experiences for both the teacher and the learner (Duffy, McDonald, & Mizell, 2005). As a result, it is up to teachers to use technology to enhance their own teaching skills in order to successfully teach technology in the classroom and at the workplace.

Vision Statements:

My vision is to learn different types of emerging technologies by advancing my computer skills in order to make a difference in the community.

As a user of technology, I want to improve the effectiveness of administrative duties at my workplace.

Once I become an Educator of Technology, I will use technology to create instructional materials and integrate technology into the curriculum to help students to become technology literate in the 21st century.

Solutions:

The agency should design a database in order for employees to input weekly attendance. Then the database can generate a weekly attendance spreadsheet to a mainframe computer.

The agency needs to upgrade all the computers in the offices. The hardware and software is obsolete. The computers are running slow.

Instead of creating flyers for every program, the agency should implement an email blast system. They can email the public on programming and special events.

Promises:

By 2015, all schools in the United States will have Internet access in the classrooms.

By 2015, all schools will have the latest technology equipment in the classrooms.

All school districts will provide technology training for teachers to help them become computer literate.

By 2015, schools will integrate technology equipment into the curriculum such as microscopes and telescopes.

All school districts will install a t1 line for faster Internet Service.

Here is a video clip from Eutopia.org that shows how students use technology in schools.

http://www.edutopia.org/harrison-high-school-technology-integration-video

Pitfalls:

There are many pitfalls regarding technology in education. Here is a list:

Schools and the workplace do not have funding to purchase current hardware and software.

Companies do not provide technology training for their employees.

Companies and school districts do not provide support to their employees.

Teachers do not have the time to get the training that they need to integrate technology into the curriculum.

Technology is not reliable due to computer crashes and problems with the Internet. Teachers become very frustrated when the technology does not work correctly.

How do I employ Technology in the Workplace?

The recreation center has several computers terminals in the offices. There are scanners, digital cameras, video cameras, and laser printers. Here are some examples of how technology is used at the recreation center.

1. The staff uses a hand scanner to input their time and attendance for work.

2. The City of New York New York uses City Time, an automated timekeeping program. They use this instead of timecards. Timecards are obsolete.

3. The staff uses a computer to input recreation memberships from the public.

4. The staff uses software programs such as Microsoft Word to type their monthly reports.

5. The managers use a technology device called AMPS. They use this device to input work orders for the building.

6. The staff uses Microsoft Excel to track weekly attendance of their programming.

7. The staff uses Microsoft Publishers to create flyers, brochures, and signs for the recreation center.

8. The staff uses Microsoft outlook to send emails, set appointments, and set up calendars.

My Plan for enhancing Technology Timeline

2010

1. I would like to complete my certificate program in Educational Technology from Michigan State University.

2. After I complete my certificate program, I will take classes in online learning.

3. I will take classes in Moodle, Blackboard, and Sakai.

4. I will continue with my education. I will apply to the Masters of Arts in Educational Technology at Michigan State University.

5. I will continue to join forums to keep up to date with current technology trends.

2011

1. I will take classes in Adobe Flash and Captivate to learn how to design online classes.

2. I will write a proposal regarding creating online classes for the recreation center.

3. I will attend the International Society for Technology in Education in Philadelphia, Pa June 2011.

4. I will look for a new career in Educational Technology. Hopefully the economy will be better.

2012

1. I will continue to help staff at the workplace become computer literate.

2. I will begin to research doctoral programs in Educational Technology.

Conclusion

In conclusion, technology can enhance the learning of children in the classroom. Computers are being integrated into the curriculum more than ever. It is a tool that can help students with basic skills. With the support and professional development training, teachers can use technology to improve their own teaching practices. Also, technology will enable learners to become effective, efficient and productive in their life pursuits.

Here is a video about the technology and teaching.

http://www.youtube.com/watch?v=suWzpLmRH0g